

TECHNICAL BULLETIN



Mfg : VOLKSWAGEN
Model: PASSAT
Liter : 1.8
VIN : AEB
Year : 1998-01

TB # 2200 CRACKED VALVE SPRING RETAINER FOR 1.8L AUDI/VOLKSWAGEN TURBO

Cracked Valve Spring Retainer For
1999-2002 Audi/Volkswagen 1.8L Turbo AEB & ATC Engines

The AERA Technical Committee reports information regarding cracked valve spring retainers on 1999-2002 Audi/Volkswagen 1.8L turbo AEB & ATC engines. This information is being updated as parts information has changed since this bulletin's first publication date.

It had been reported exhaust valve retainers have cracked while in service and allowed valve keys to unlock a valve while the engine is running. This, of course, causes catastrophic engine damage. It appears this condition may be the result of a product failure as revised retainers are currently available from Audi/Volkswagen. To date, it has only been exhaust locations that have been affected.

Fortunately (at that time), parts identification from previous and revised retainer was possible through visual inspection. Previously manufactured parts had a portion of the Part Number 058641B embossed on top of the exhaust retainer as shown in Figure 1 below. Currently (at that time), manufactured components did NOT have any numbering on top of the retainer and are available with Part #058109641B.

Important UPDATE: The above information has changed as of early April 2005. It has been reported that the engine manufacturer removed all defective components from dealer inventories and has replaced the defective components with reliable ones. That process, however, may have shortcomings. The part number did not change and the number is again embossed on the retainer top. So, it may still be difficult to determine reliability of used exhaust retainers.

Some AERA member shops report that 100% replacement of exhaust retainers that have numbering embossed on the top is good practice anytime the cylinder head is removed. Some shops also report making visual inspections of possibly affected engines anytime the vehicle is in for service work.

The AERA Technical Committee

Related Diagrams

FIGURE 1. REVISED VALVE
RETAINER

